

Abstract of the Disclosure

Methods for performing multi connections at point-to-point protocol are disclosed. One method for transmitting a datagram in  
5 an apparatus having point-to-point protocol sessions which transmits datagrams received from a physical layer of a communication network to a network layer, includes the steps of:  
a) establishing a least two PPP sessions; b) classifying the datagrams received from a physical layer based on the PPP session  
10 and transmitting the datagram to a corresponding PPP session; c) processing the datagram received by the PPP in the PPP session; and d) selecting one of the processed datagrams and transmitting the selected datagram to the network layer.